

Title: AN ULTRASONIC MOTOR, AND OPERATING APPARATUS, AN OPTICAL APPARATUS  
AND AN ELECTRIC INSTRUMENT  
Inventors: Osamu MIYAZAWA, Yasuharu HASHIMOTO  
Atty. Ref.: 9319A-000704

1/36

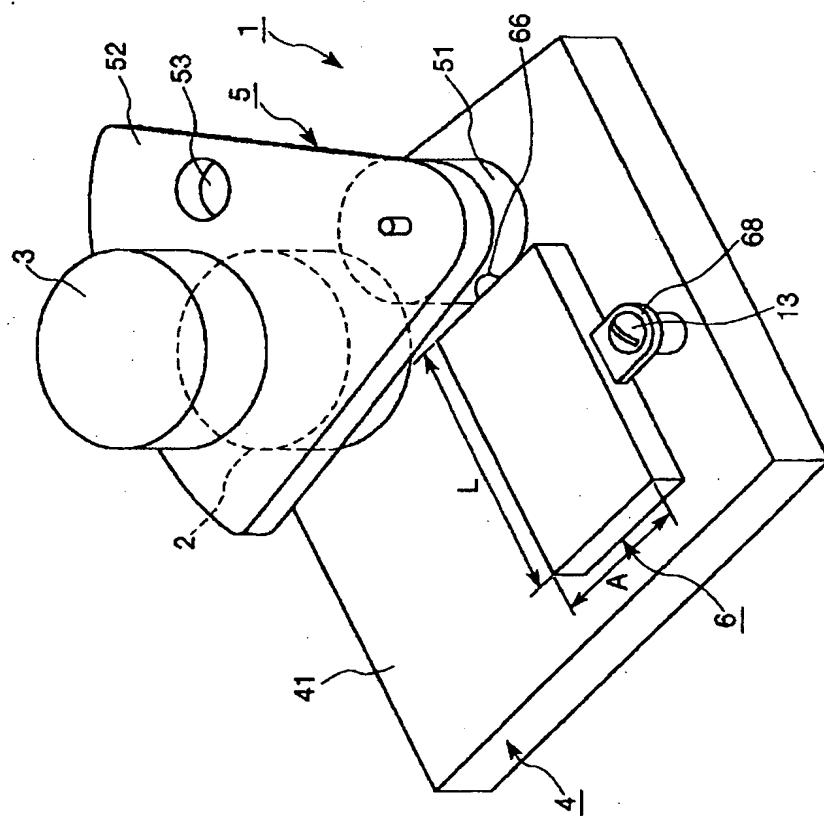


Fig. 1

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2/36

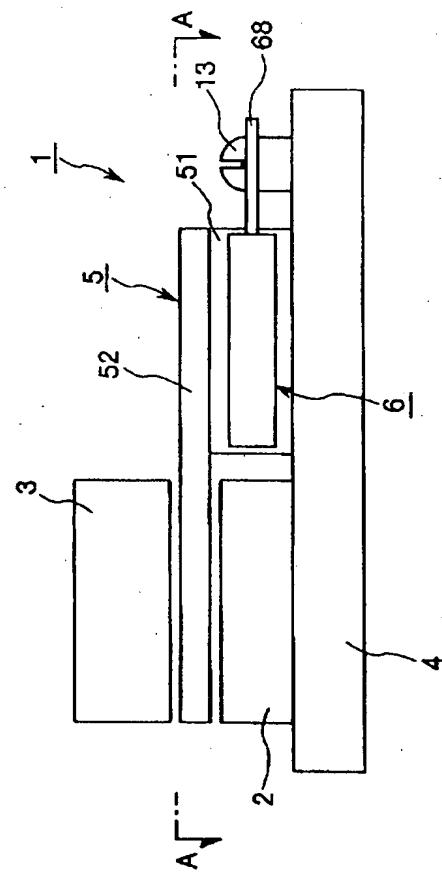


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3/36

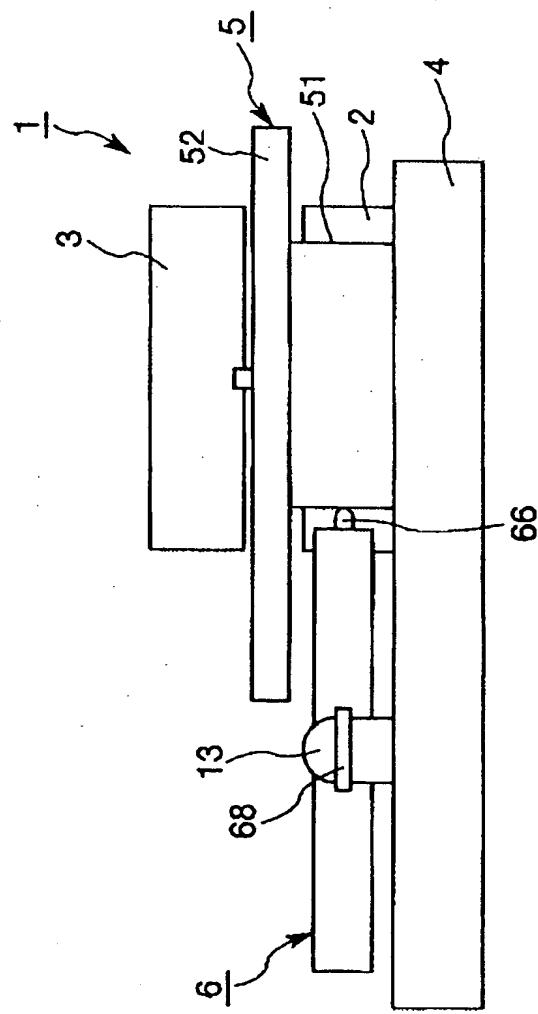


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4/36

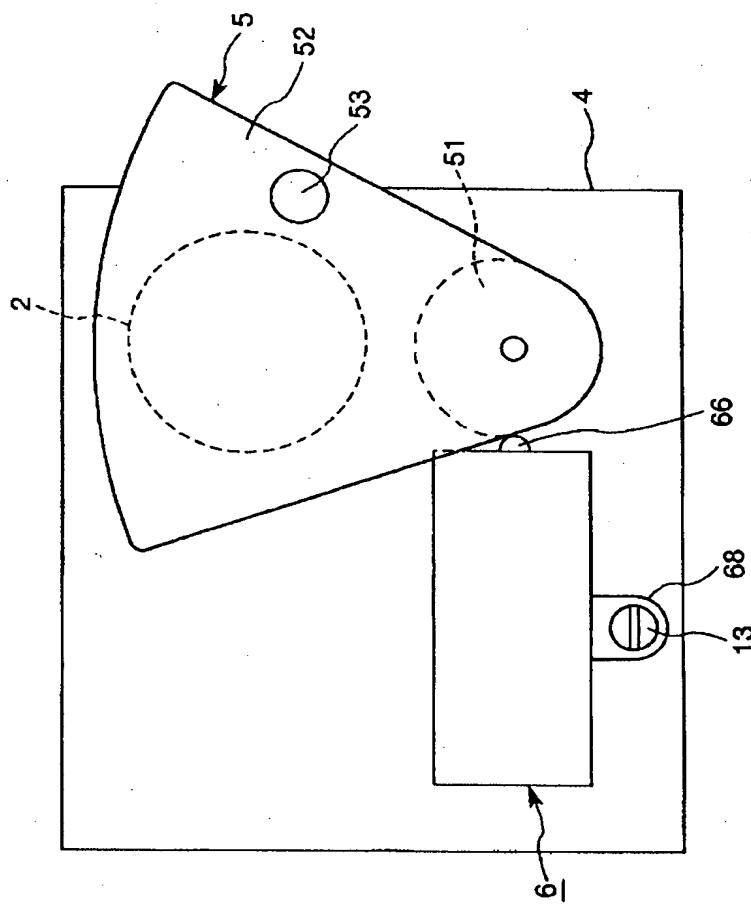


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5/36

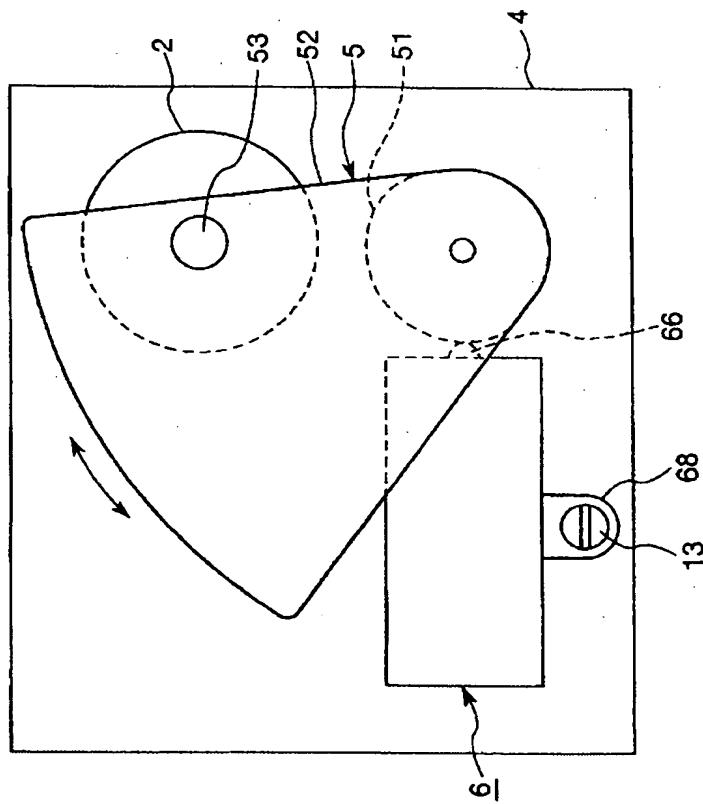


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6/36

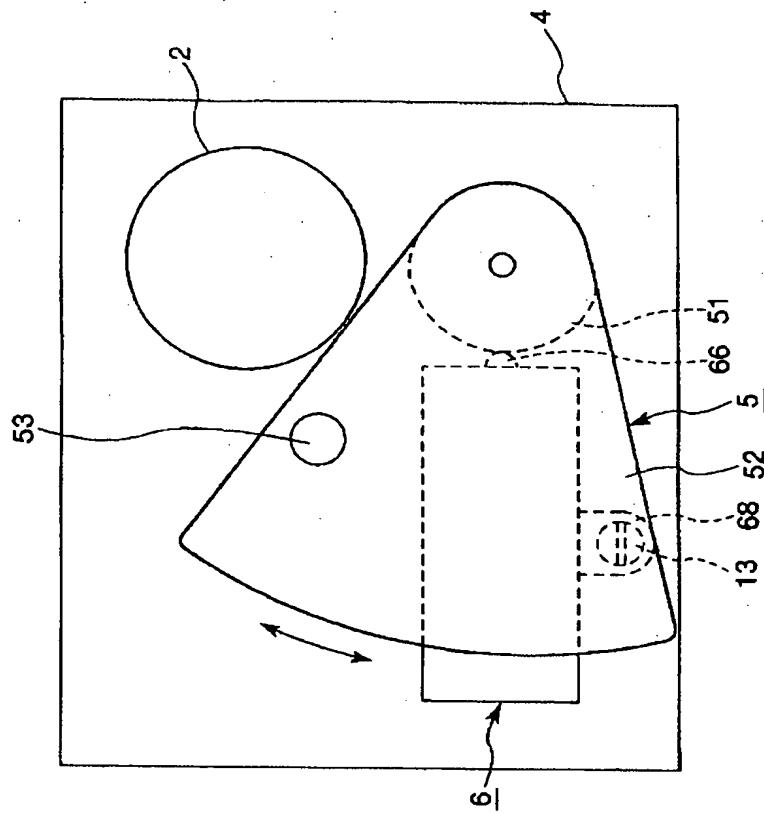


Fig. 6

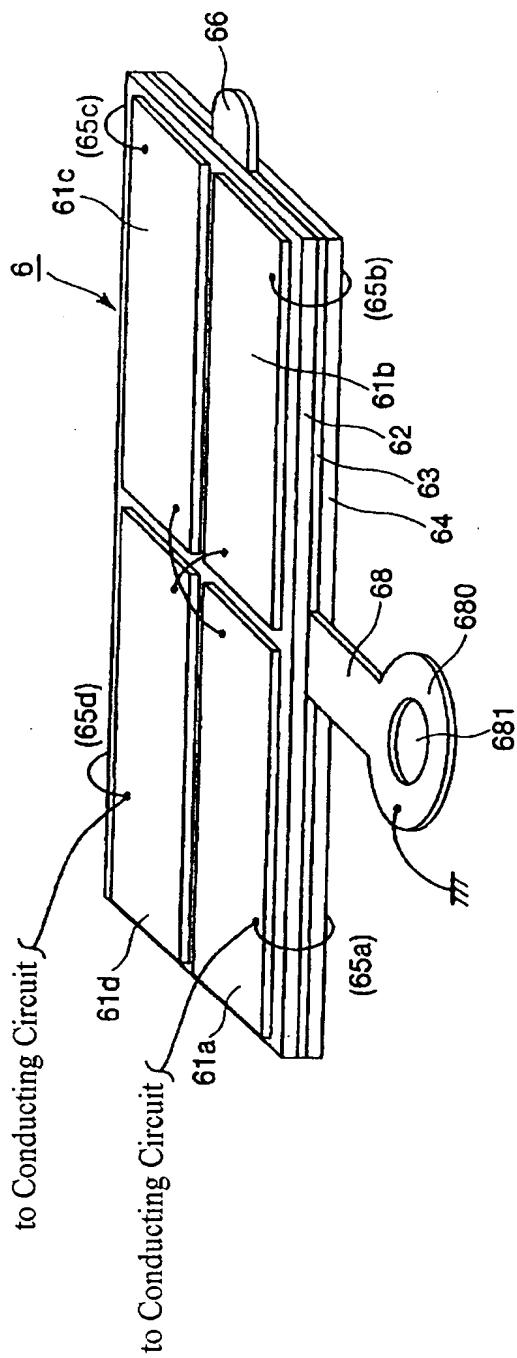


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8/36

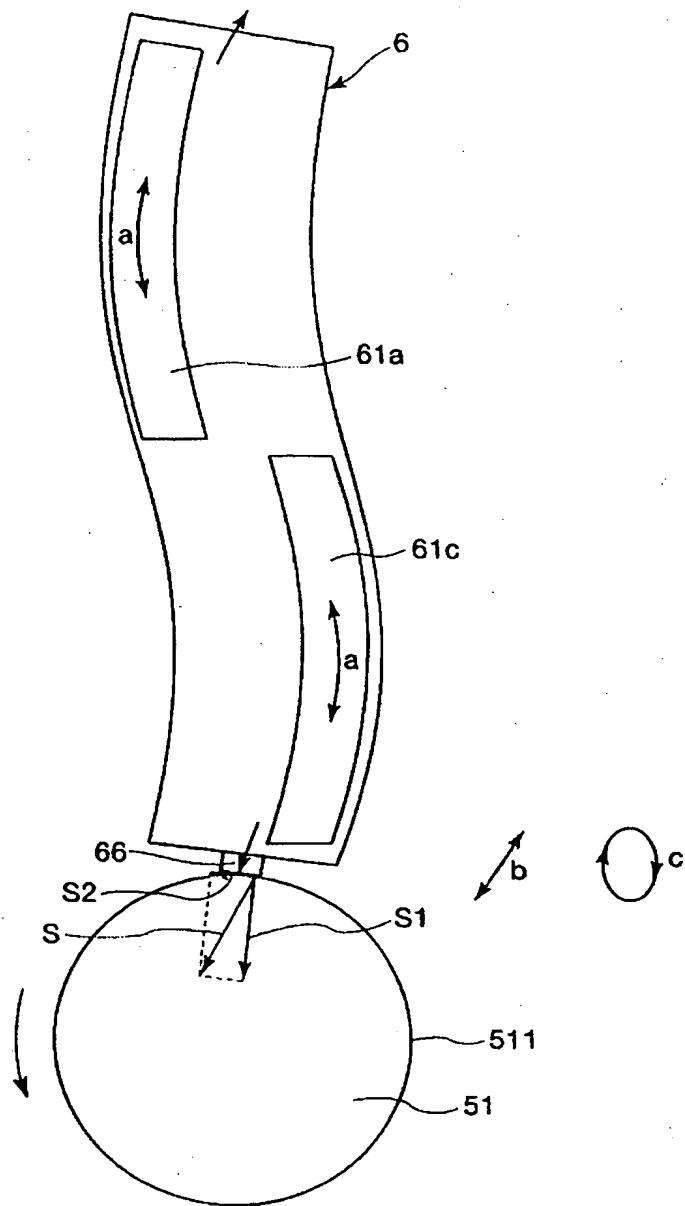


Fig. 8

9/36

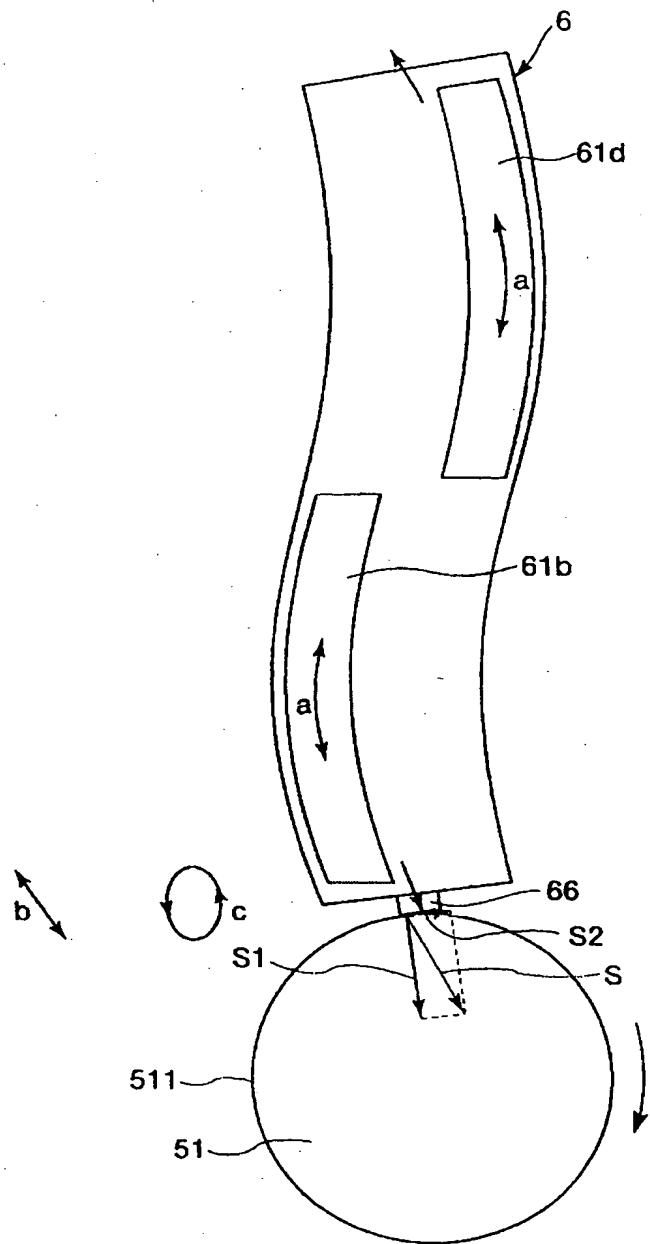


Fig. 9

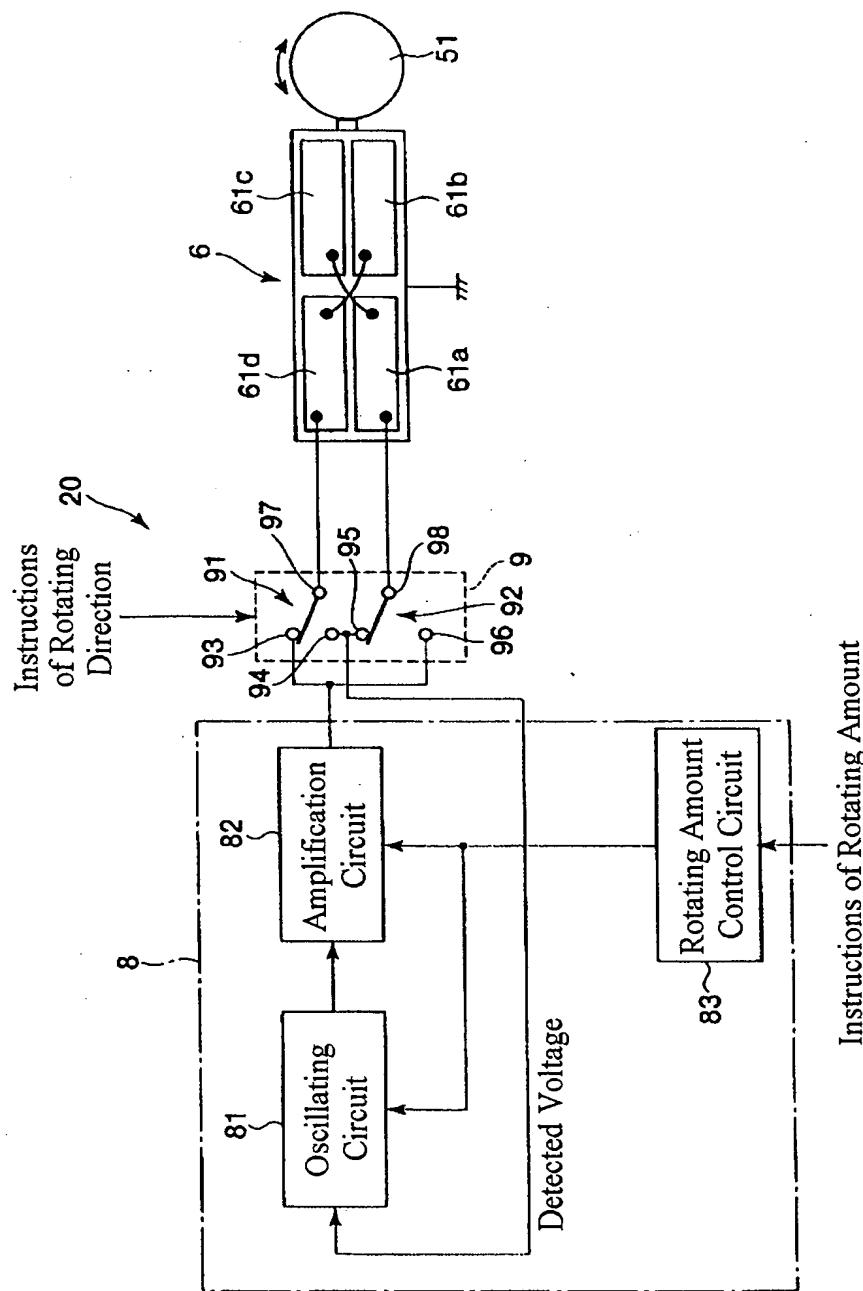


Fig. 10

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11/36

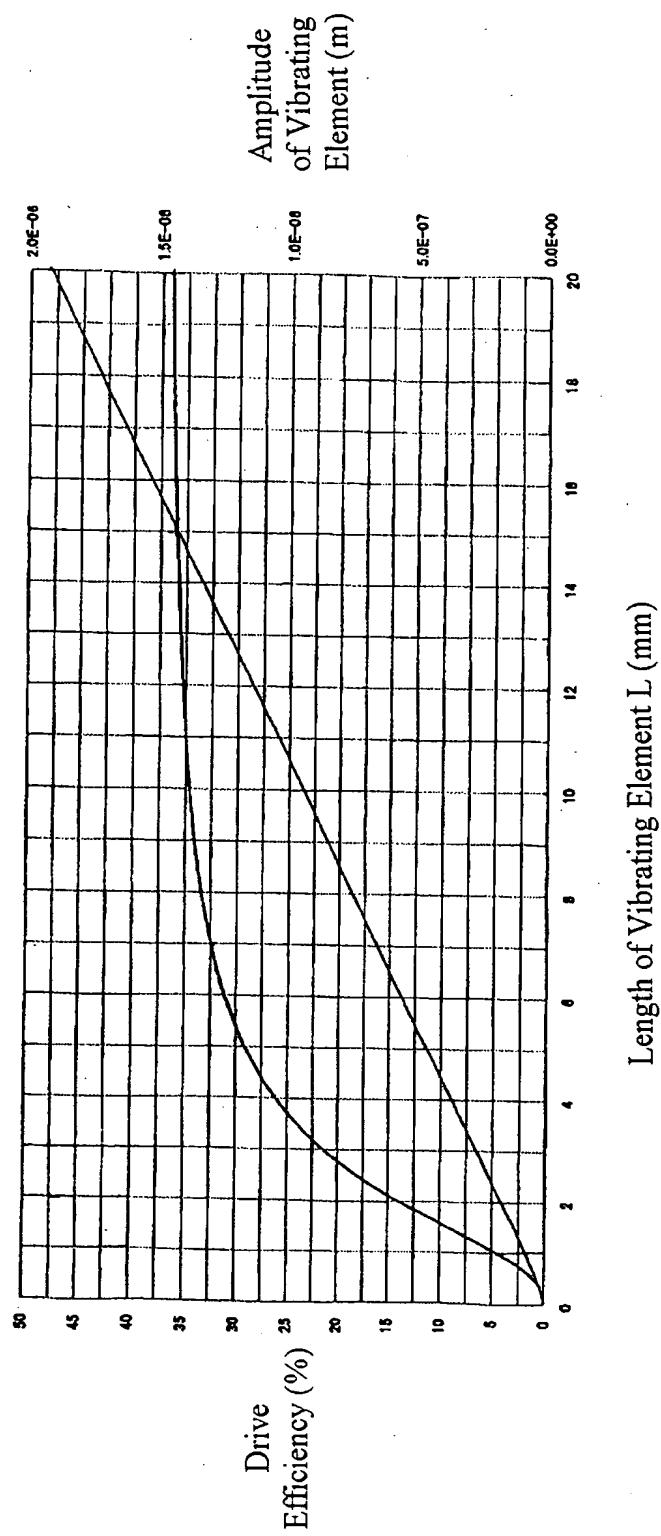


Fig. 11

12/36

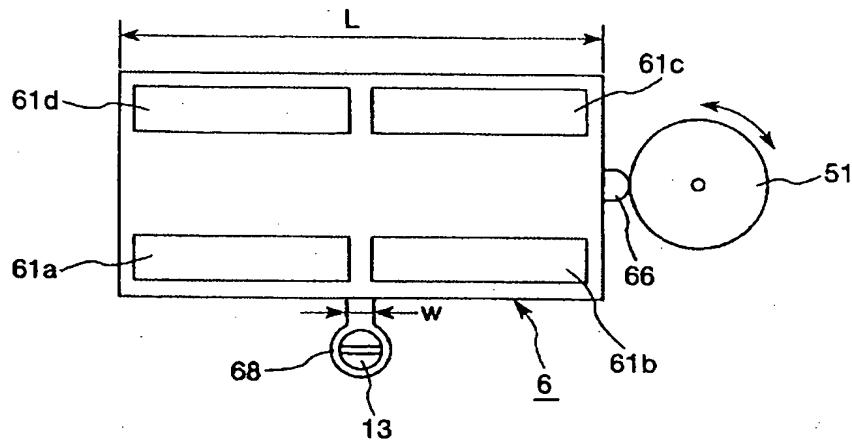
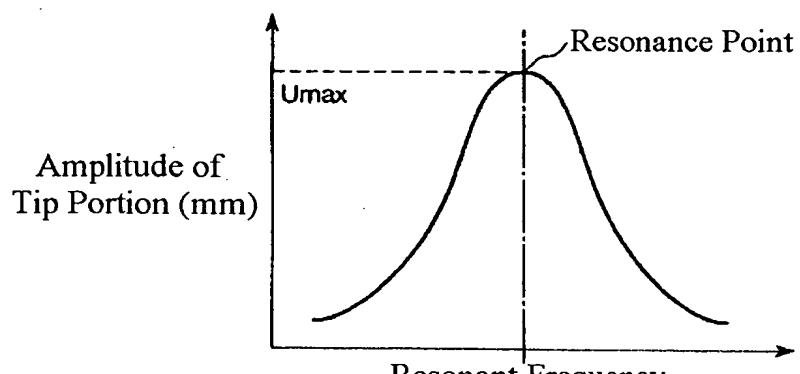


Fig. 12



Driving Frequency (Hz)

Fig. 13

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13/36

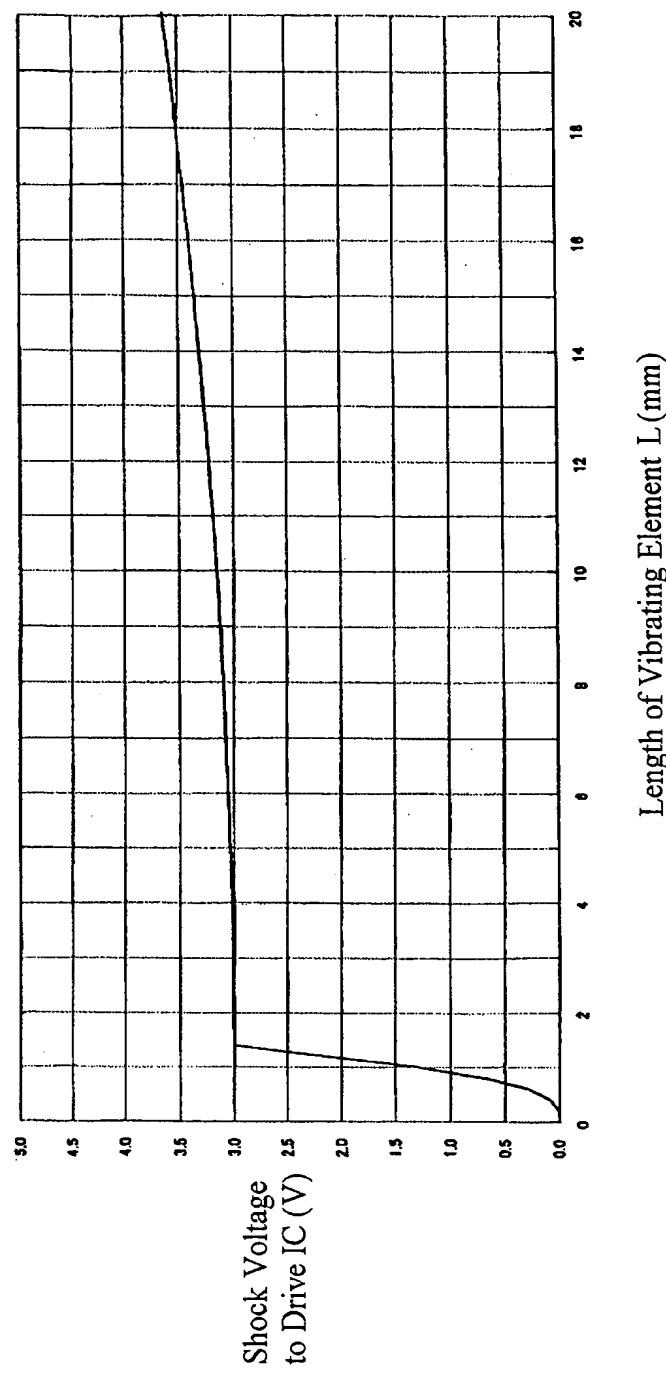


Fig. 14

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14/36

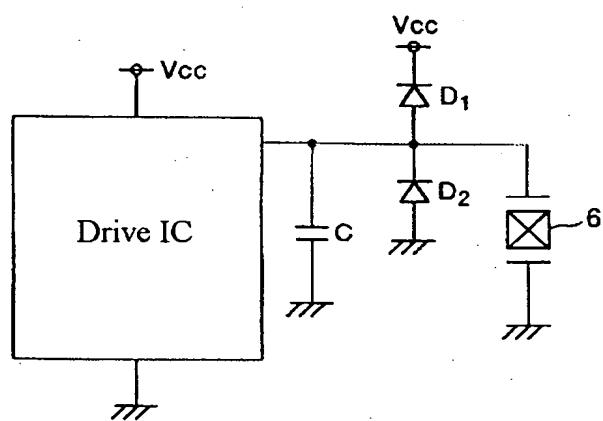


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15/36

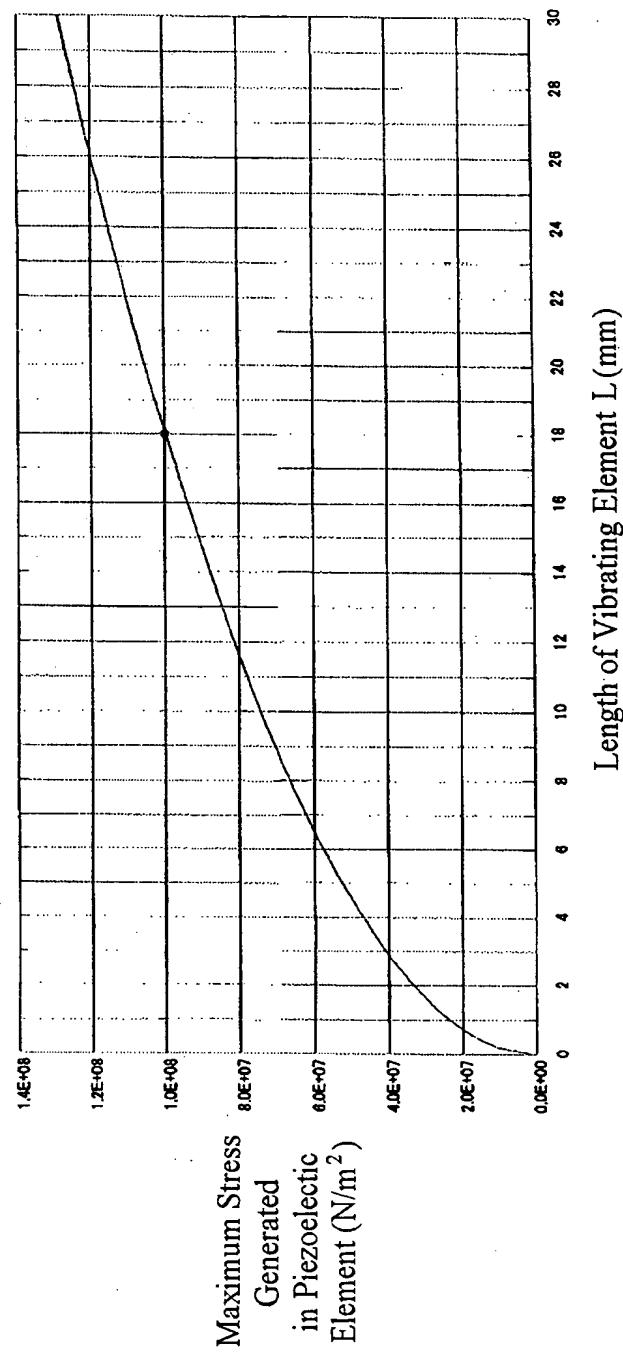


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16/36

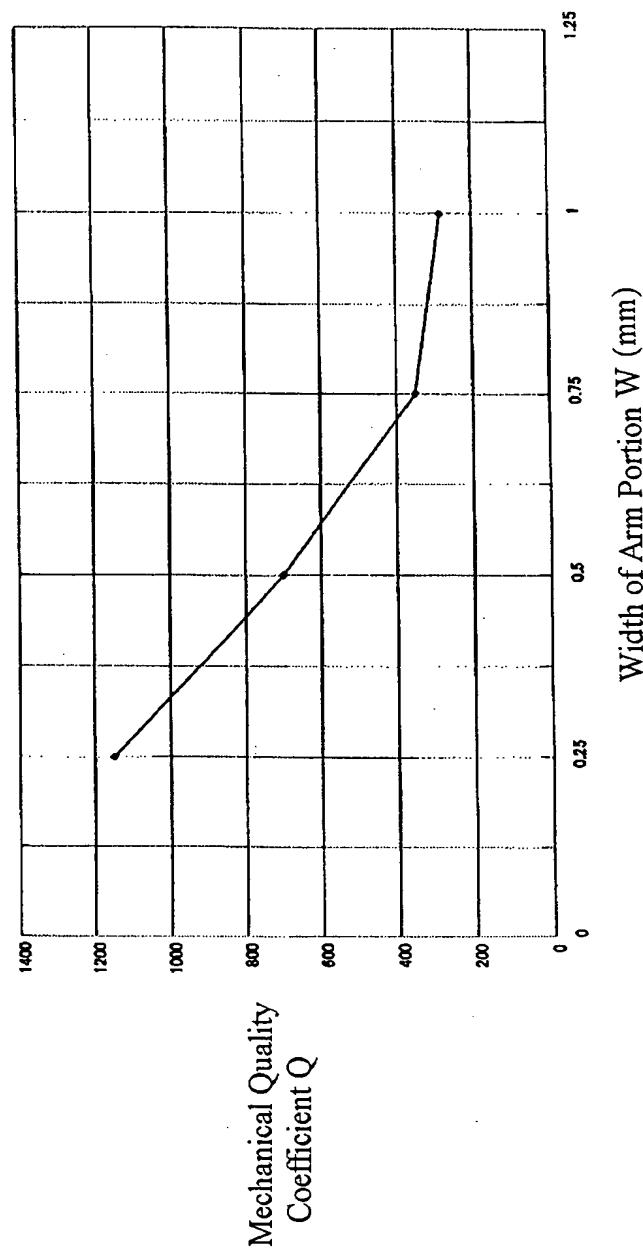


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17/36

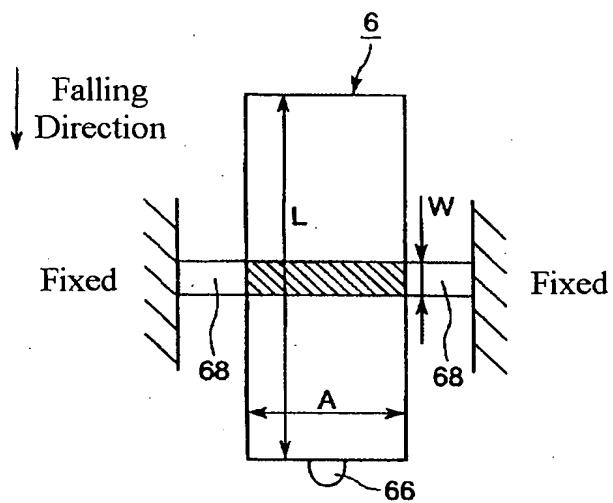


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18/36

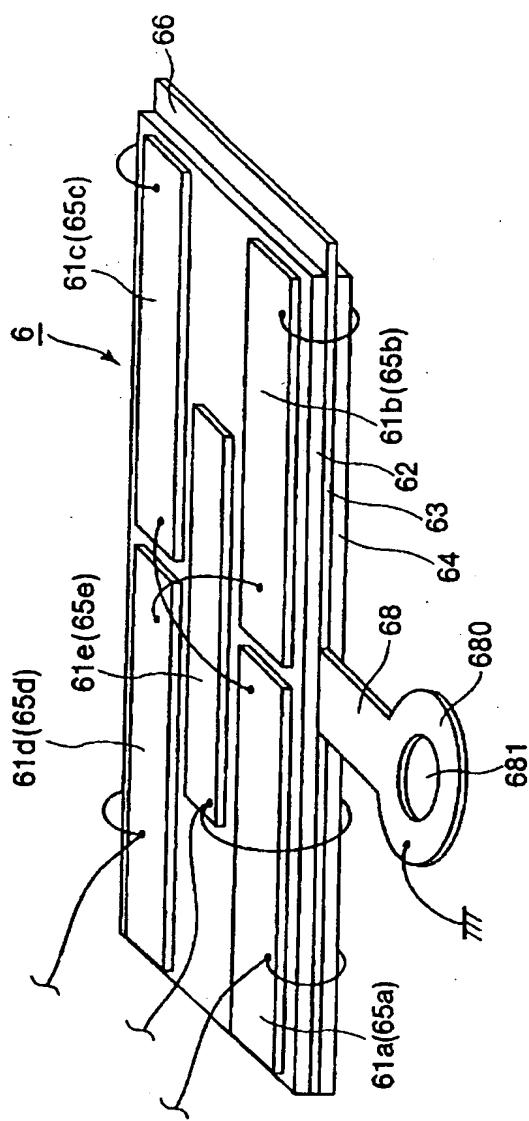


Fig. 19

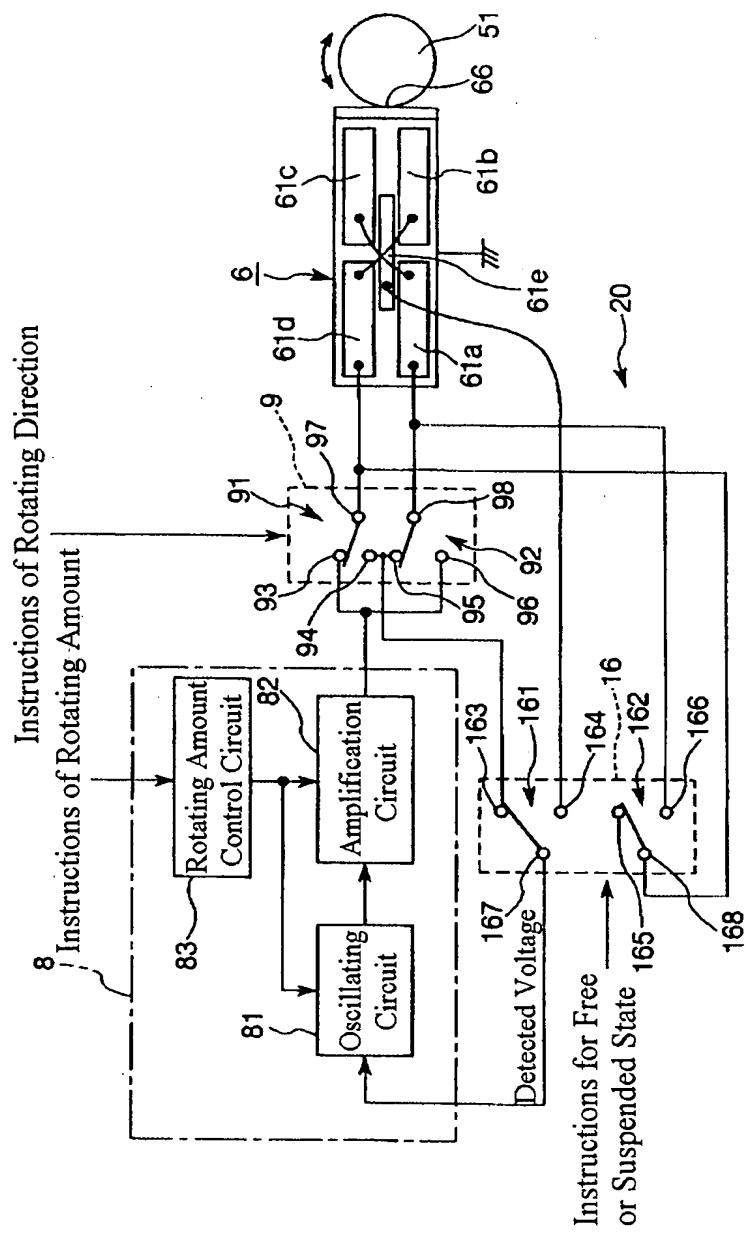


Fig. 20

20/36

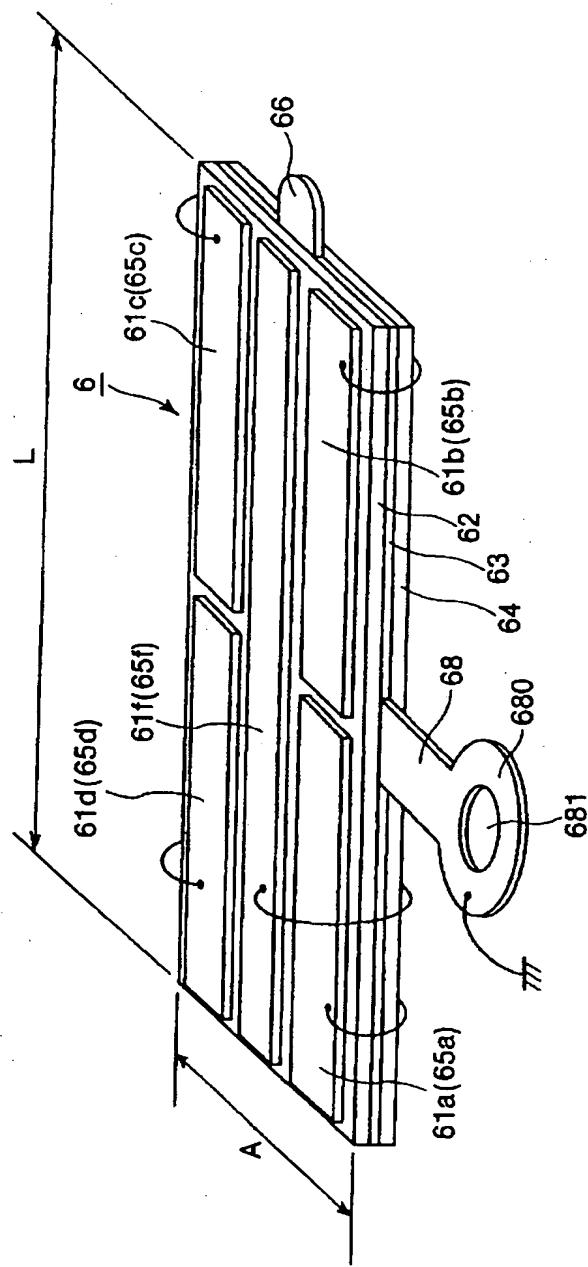


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21/36

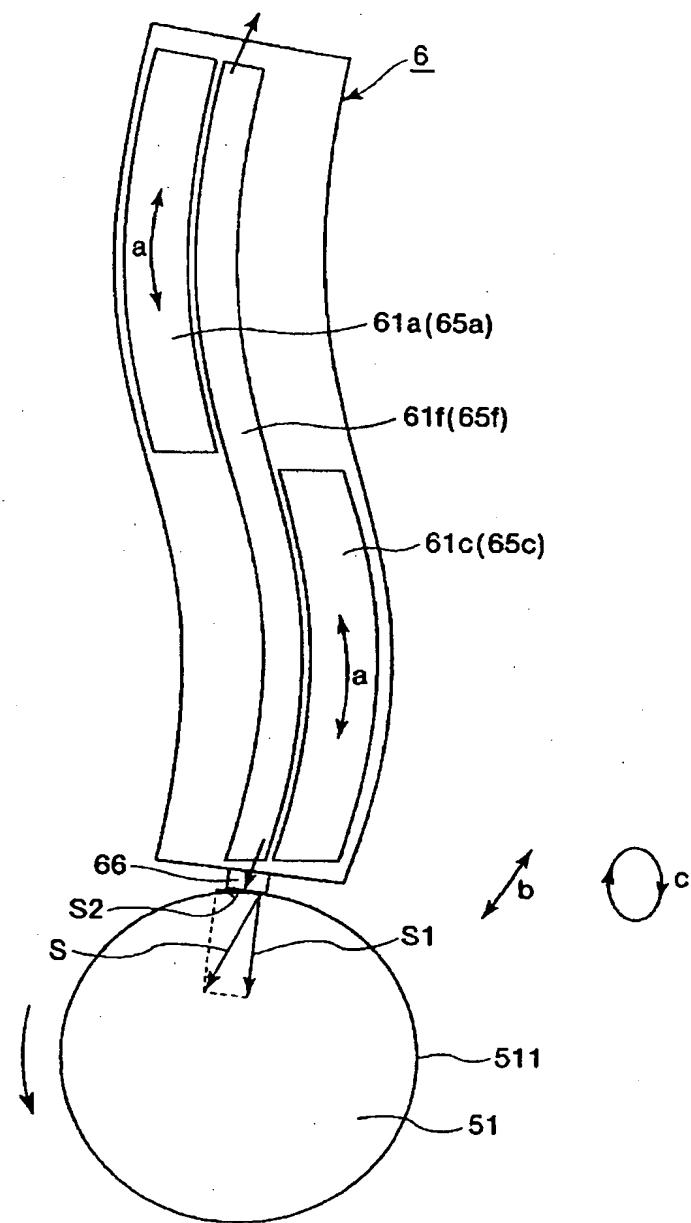


Fig. 22

22/36

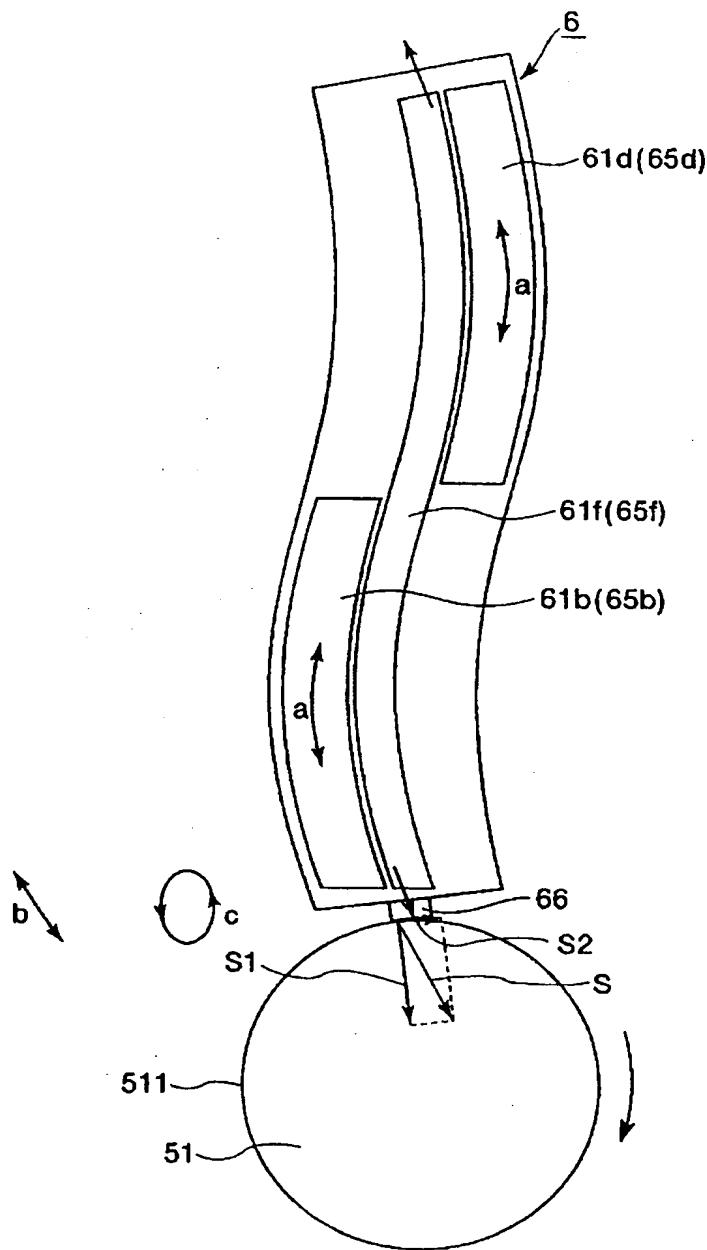


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23/36

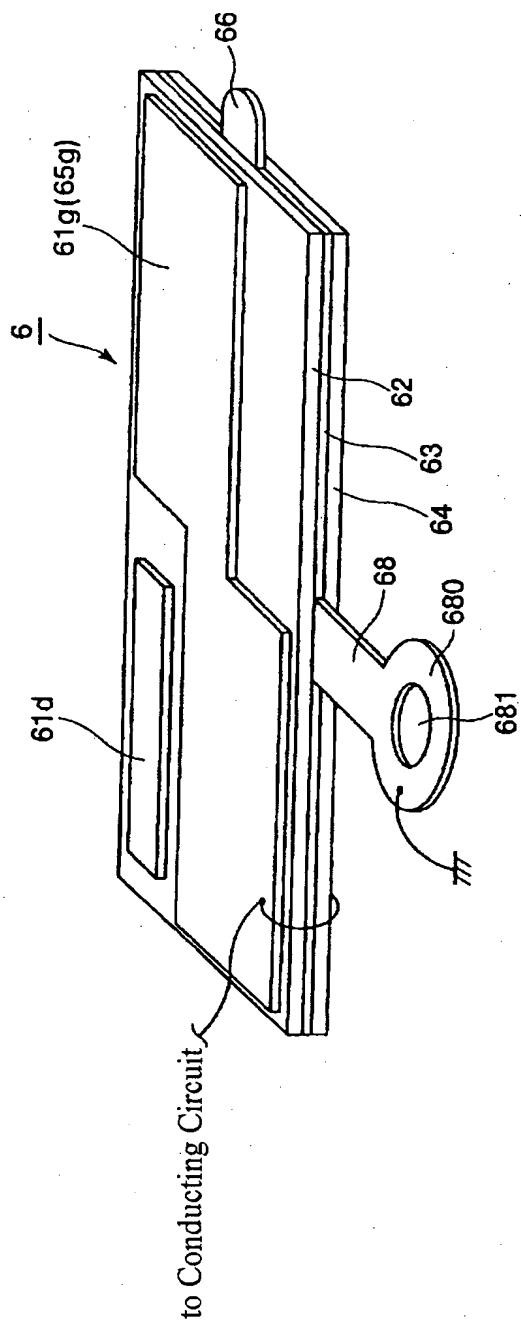


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24/36

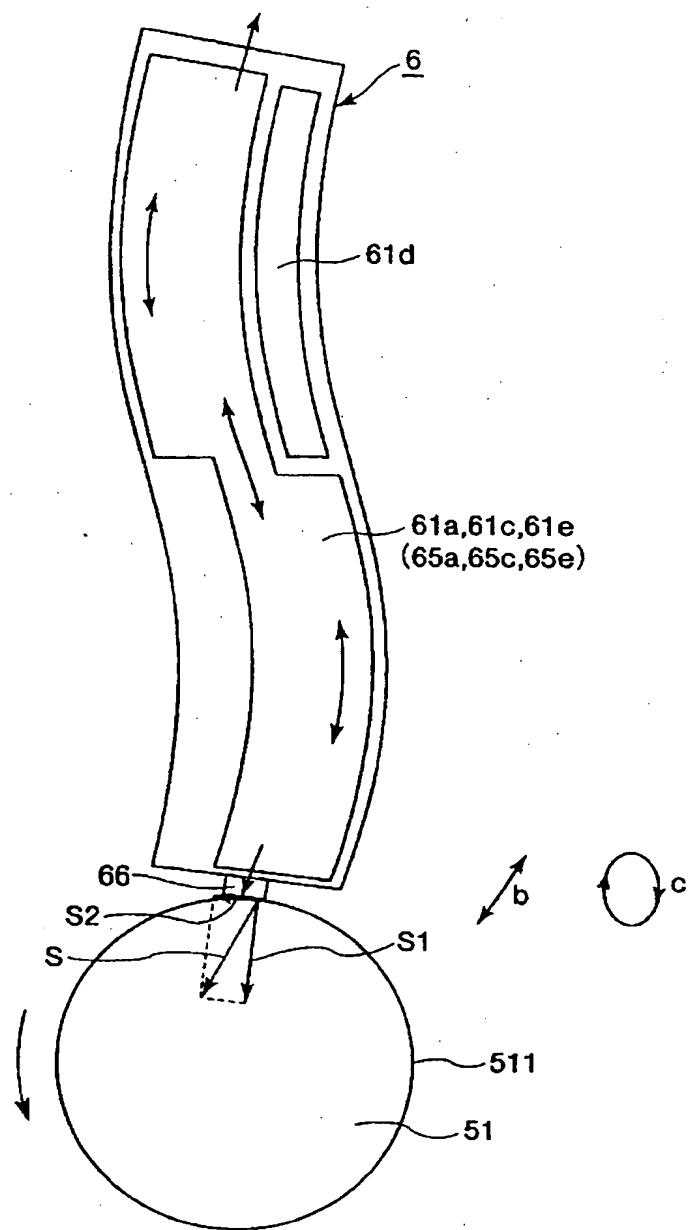


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25/36

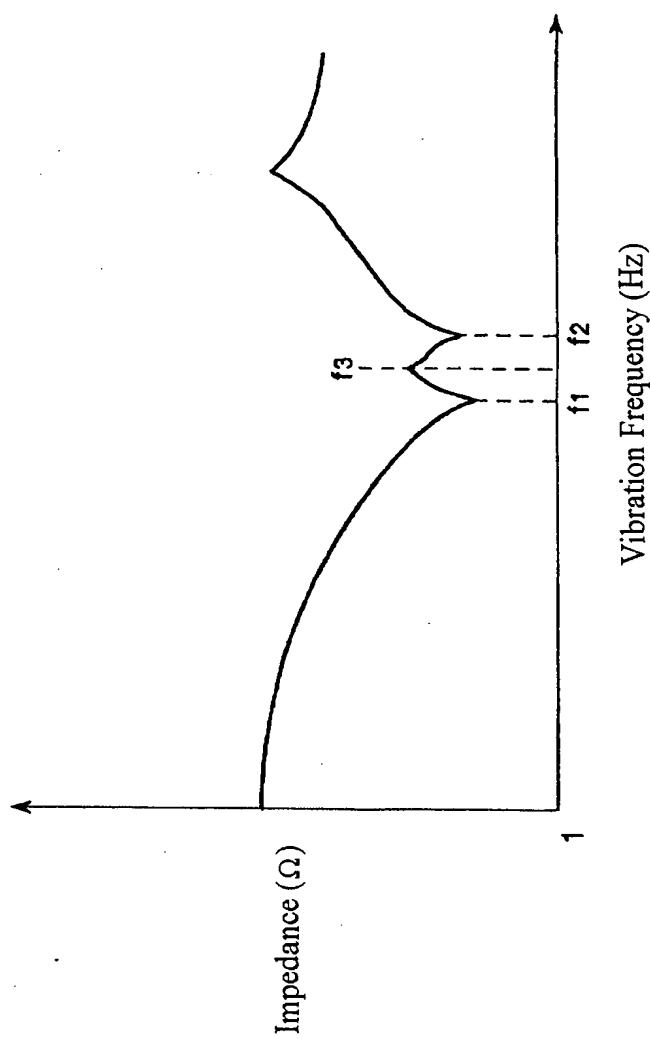


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26/36

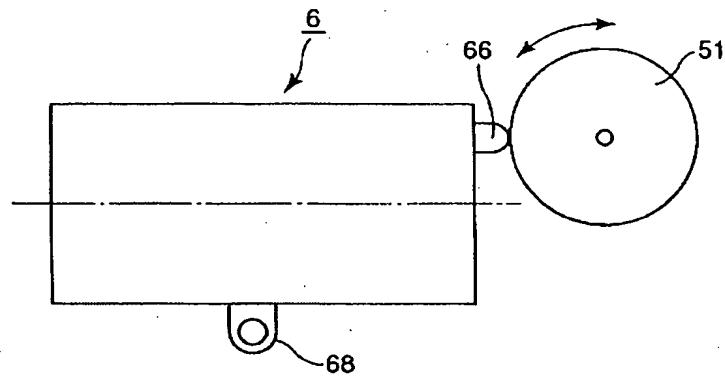


Fig. 27

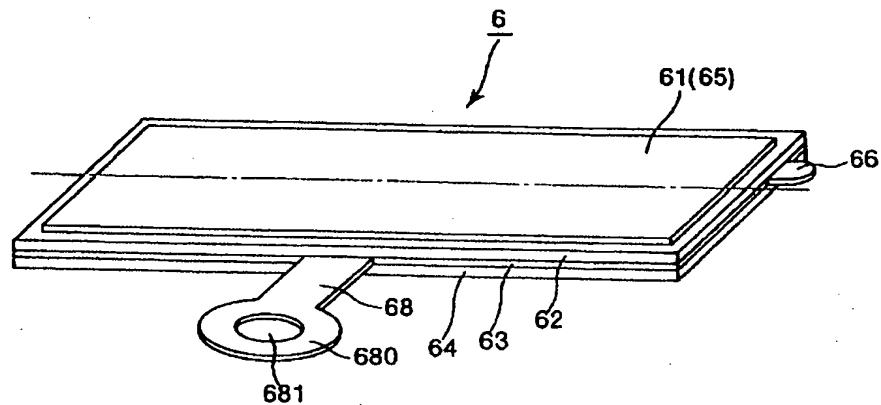


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27/36

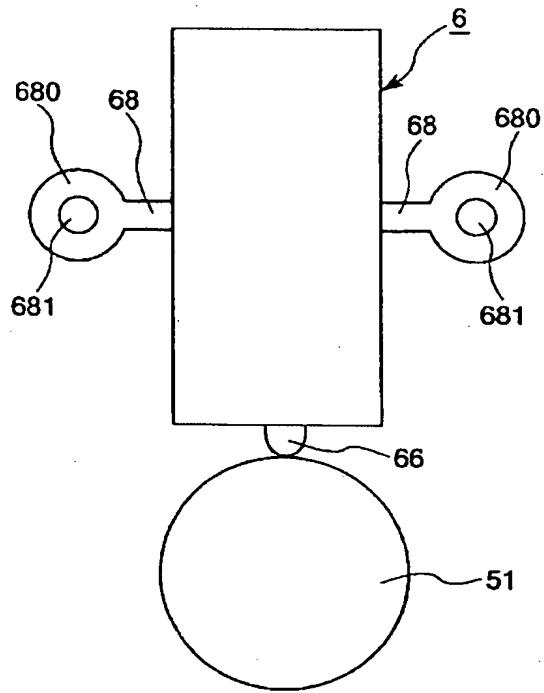


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28/36

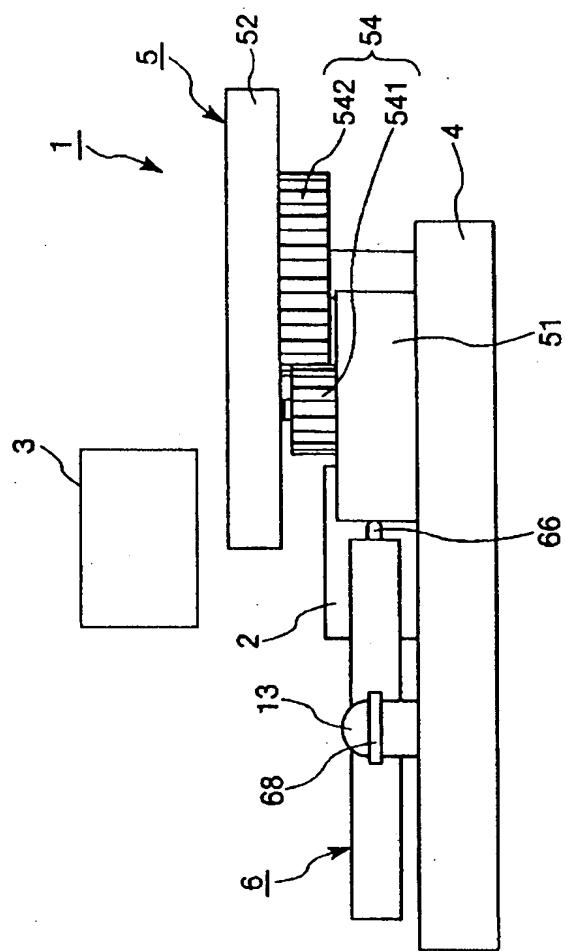


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29/36

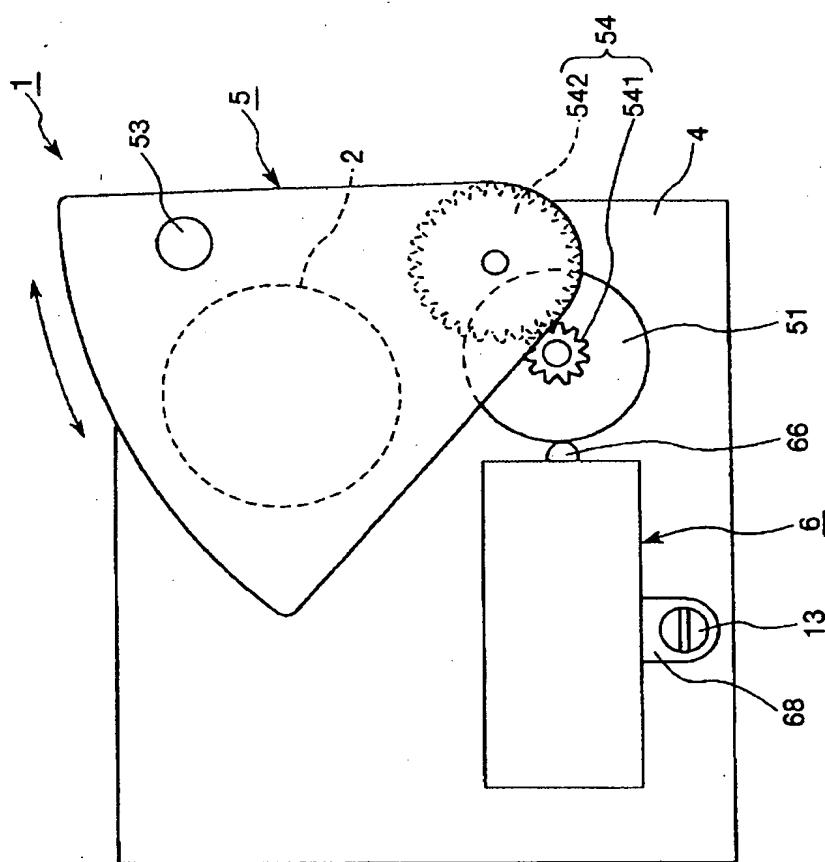


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30/36

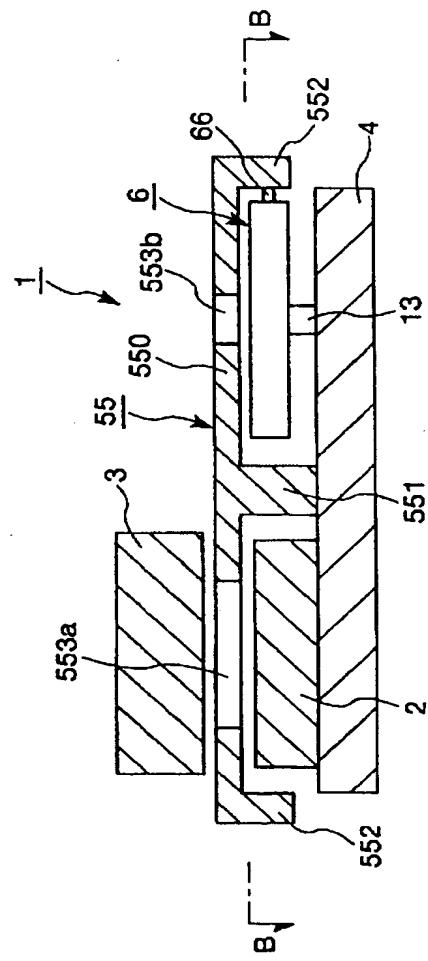


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31/36

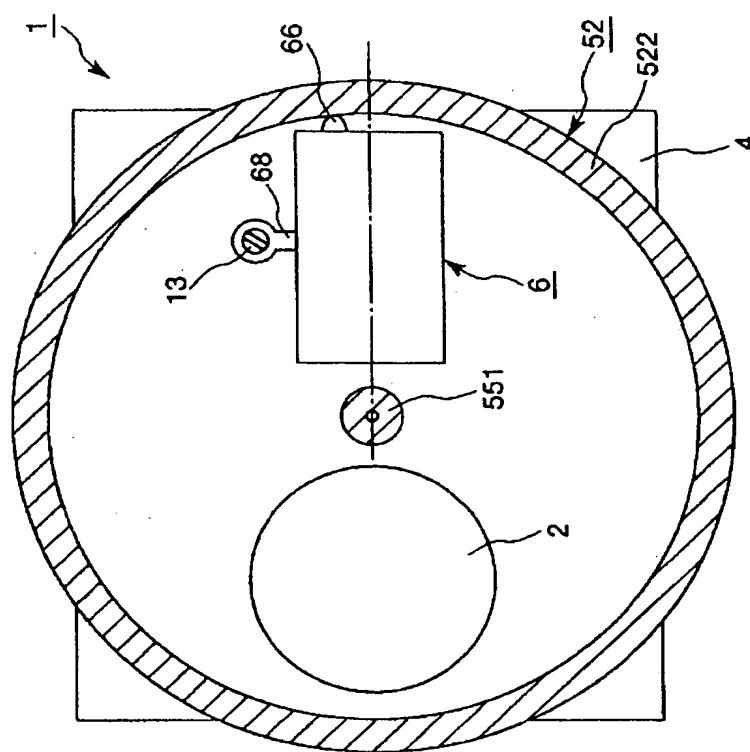


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32/36

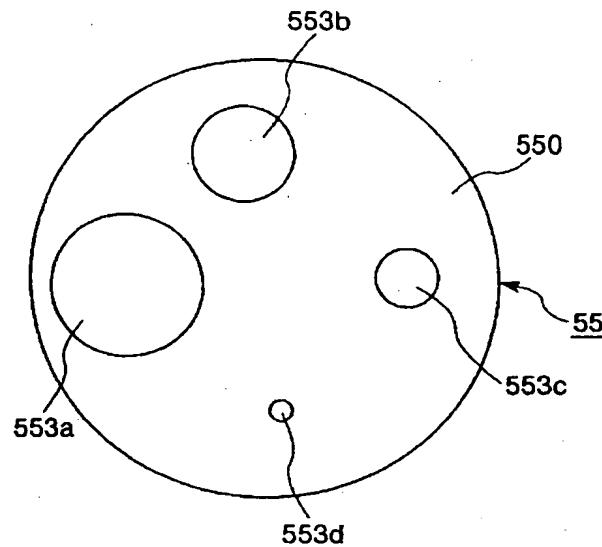


Fig. 34

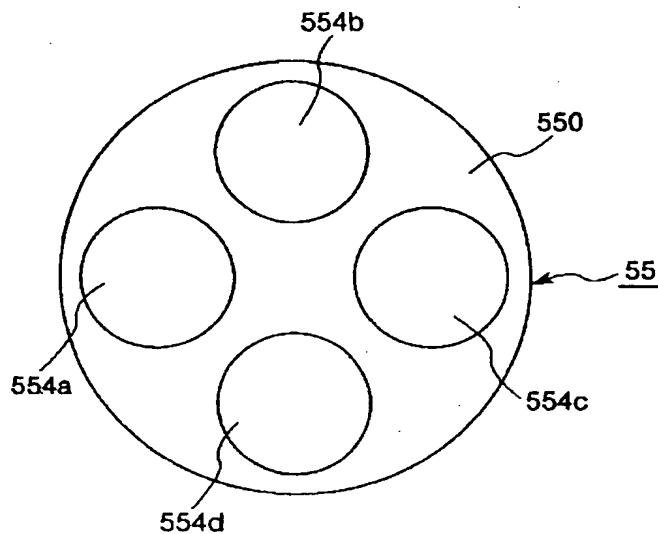


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33/36

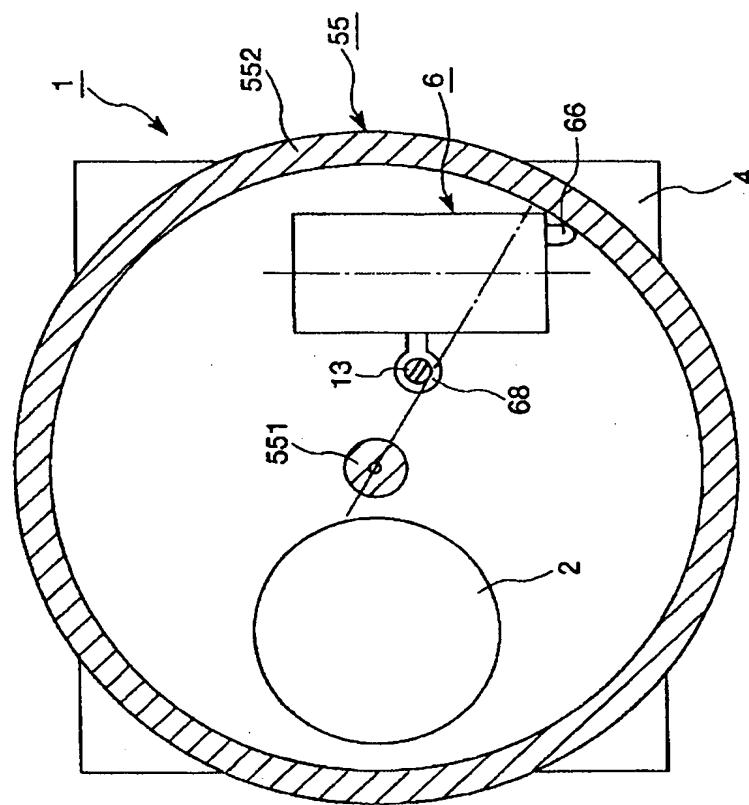


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34/36

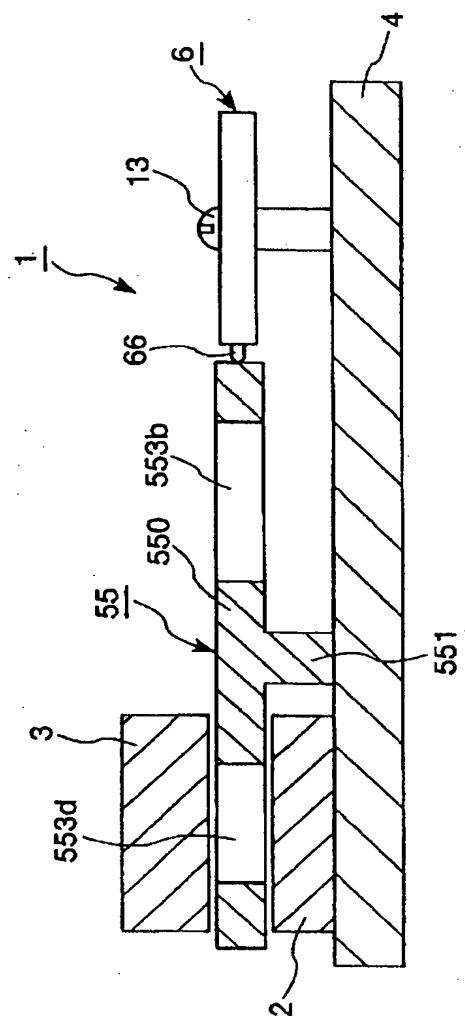


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35/36

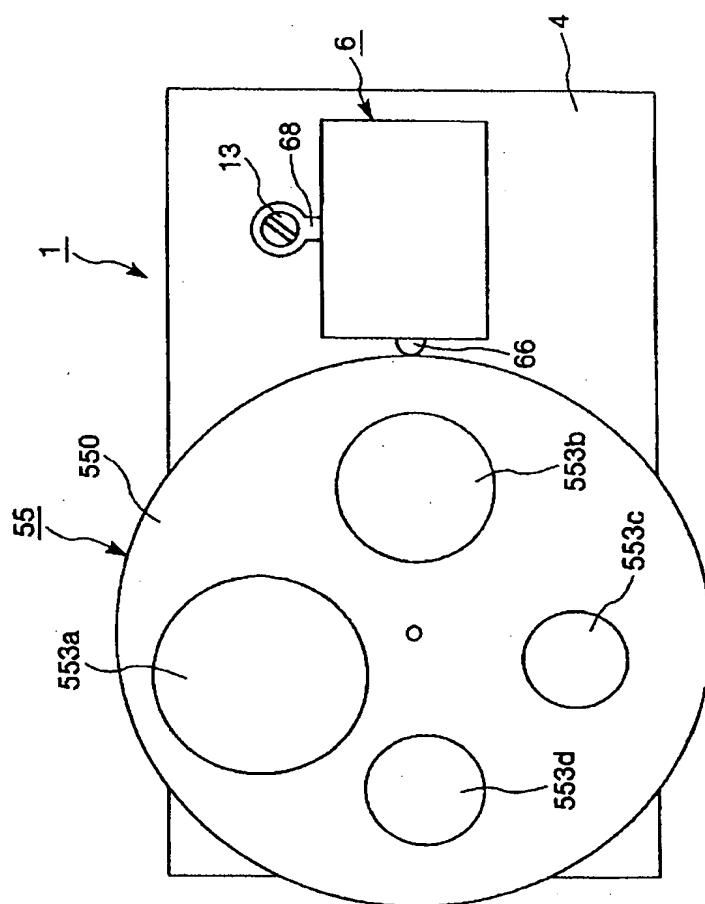


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36/36

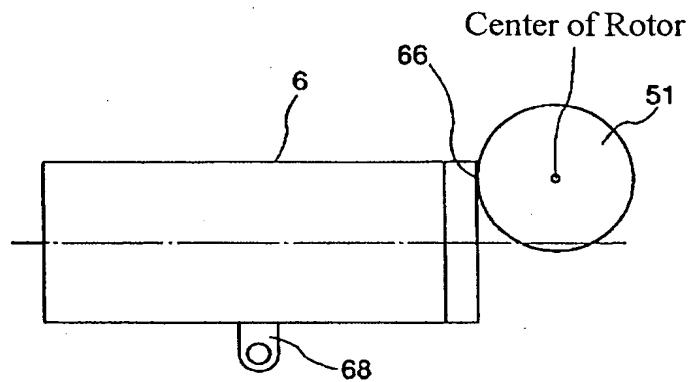


Fig. 39

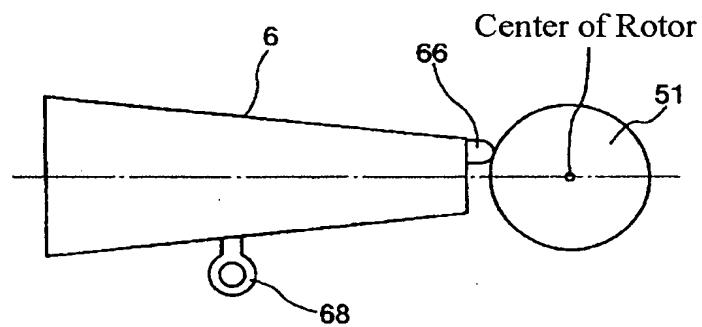


Fig. 40